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NORDEGG-RED DEER RIVER SUB-REGIONAL INTEGRATED RESOURCE PLAN

ANNUAL REPORT

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ROCKY MOUNTAIN HOUSE

EASTERN SLOPES
RESOURCE MANAGEMENT
COMMITTEE

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LIST OF ACRONYMS

AFS	Alberta Forest Service
AMP	Access Management Plan
AOP	Annual Operating Plan
CTAP	Community Tourism Action Plan
CTQ	Coniferous Timber Quota
CTRL	Commercial Tourism and Recreation Lease
DRP	Disposition Referral Process
DTA	Deciduous Timber Allocation
ESA	Environmentally Significant Area
F&W	Fish and Wildlife
FMA	Forest Management Area
GDP	General Development Plan
GIS	Geographic Information System
GRL	Grazing Lease
IRP	Integrated Resource Plan
MLL	Miscellaneous Lease
MLP	Miscellaneous Permit
RMA	Resource Management Area
RRMC	Regional Resource Management Committee
TDA	Timber Development Area
WMU	Wildlife Management Unit
WRA	Wildland Recreation Area

1.0 INTRODUCTION

This report summarizes progress to date on the implementation of the Nordegg-Red Deer River Sub-Regional Integrated Resource Plan. This is the third annual report to be completed since the plan's approval, and covers the period from April 1989 to March 1990. It identifies projects that have been undertaken or will be undertaken so that the goals of the plan may be accomplished. These projects have been documented in terms of management intent, results expected, results achieved, and activities anticipated for the coming year. Locations for activities in the planning area are given by resource management areas (RMA) in Figure 1.

This report is intended for use by senior management within the Alberta government as well as by the general public, the ultimate users of our service.

It is hoped that annual reports will result in long-term dialogue regarding management of the area.

2.0 WATERSHED

Water is of primary importance in "A Policy for Resource Management of the Eastern Slopes" (Revised 1984) under which this plan was developed. Drainages in the planning area are of critical importance to the three prairie provinces.

The watershed program is managed in this integrated resource plan (IRP) by the Alberta Forest Service (AFS), Alberta Forestry, Lands and Wildlife. The program functions include the collection of inventory data and the assessment of land use impacts on soil and water resources. The program is implemented in association with related issues and activities of Alberta Environment and Alberta Fish and Wildlife Division.

2.1 MONITORING

MANAGEMENT INTENT:

To establish several monitoring sites in important watersheds for gathering baseline data which will be used in impact assessment of various land uses on water yield and quality, as well as to determine the effectiveness of operating ground rules for resource use.

RESULTS EXPECTED	RESULTS ACHIEVED
Undertake site-specific monitoring as requested. Continue point source sampling to determine sediment loading changes in areas with high land use activity.	No site-specific monitoring was requested. No point source sampling was completed.

ANTICIPATED ACTIVITIES (1990/91):

No monitoring is anticipated.

2.2 LAND USE ACTIVITIES

MANAGEMENT INTENT:

To preserve the inherent productivity of the watershed through land management practices which provide maximum protection of the soil.

RESULTS EXPECTED	RESULTS ACHIEVED
Continue predisturbance watershed assessments and annual operating plan (AOP) reviews.	One assessment was completed at Deer Creek Flats along with assessments completed for major logging operations. All AOPs were reviewed for watershed concerns.
Determine erosion potential indices when requested or required.	One erosion potential index was completed.

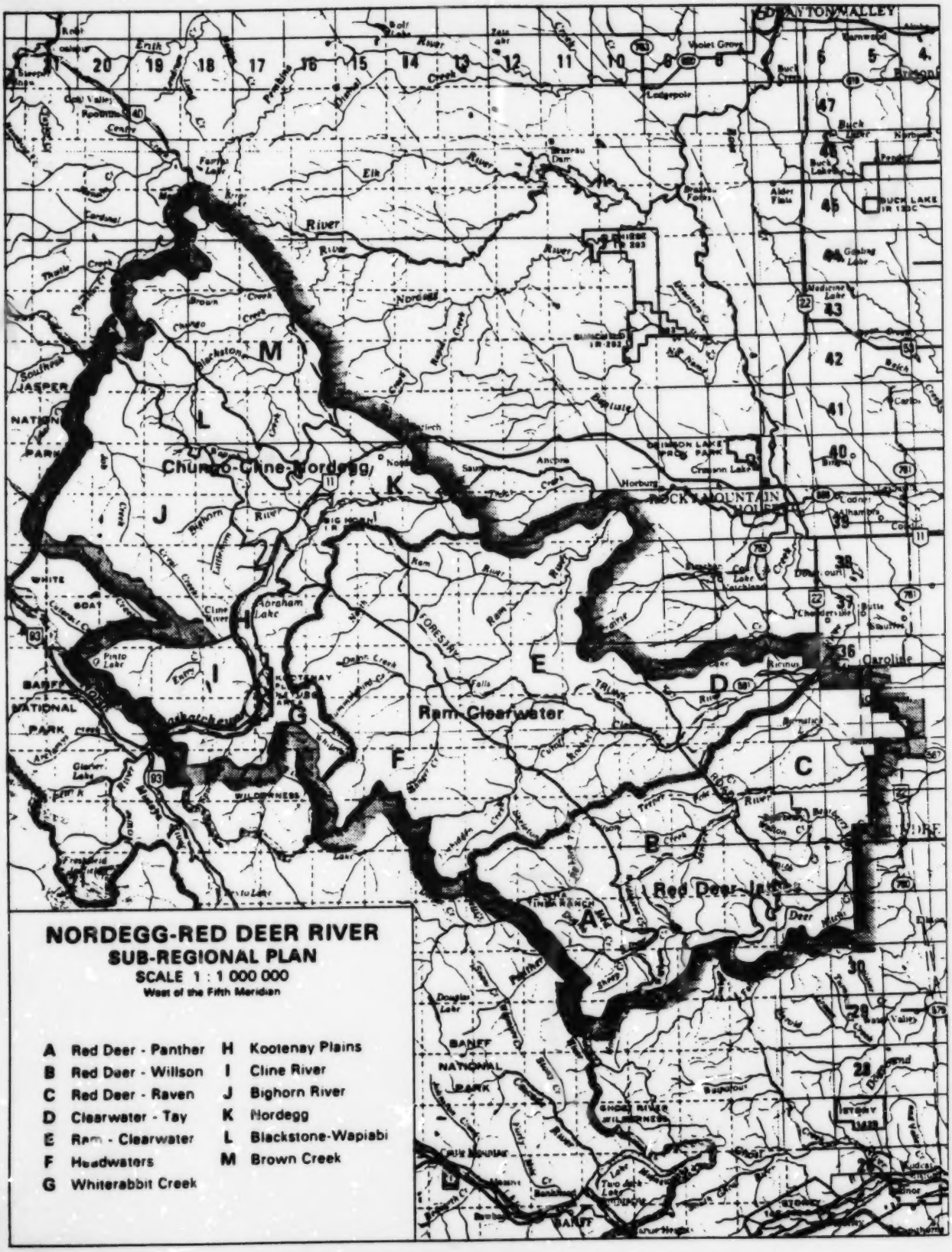

Figure 1 RESOURCE MANAGEMENT AREAS: KEY MAP

ANTICIPATED ACTIVITIES (1990/91):

1) Predisturbance watershed assessments and AOP reviews to continue.
2) Erosion potential indices will be done when requested or required.

2.3 RECLAMATION

MANAGEMENT INTENT:

To maintain water quality by minimizing upland soil erosion and stream sedimentation.

RESULTS EXPECTED	RESULTS ACHIEVED
Undertake reclamation/repair as required and budget allows in RMAs A, B and C.	No reclamation projects were undertaken. Limited resources were directed to other areas of higher priority. Progressive reclamation was completed by the industrial operators.

ANTICIPATED ACTIVITIES (1990/91):

1) Reclamation/repair to be undertaken as required and budget allows in RMAs A, B and C.
2) Industrial activities will be monitored and progressive reclamation will be completed as required.
3) Reclamation projects will be completed on vacant public land in the White Area as required and as budgets allow.

2.4 MODELLING

MANAGEMENT INTENT:

The level of vegetation manipulation that would provide an acceptable balance between water yield and maintaining water quality will be determined by watershed modelling. Vegetation manipulation (usually logging) does change water quantity but does not directly affect water quality. Computer modelling of basins will be used to determine changes in annual water yield.

RESULTS EXPECTED	RESULTS ACHIEVED
Continue to undertake water yield simulations as required.	No simulations were done. Waiting for the Geographic Information System (GIS) development.

ANTICIPATED ACTIVITIES (1990/91):

Continue to undertake water yield simulations as required.

3.0 WILDLIFE

Wildlife is managed in this plan to provide a variety of recreational and commercial opportunities and to meet future demands for viable and diverse wildlife populations for a full range of species, including the following:

a) ungulates;
b) furbearers; and
c) scarce species.

Wildlife resources are managed by the Fish and Wildlife Division (F&W), Alberta Forestry, Lands and Wildlife.

3.1 WILDLIFE MANAGEMENT/INVENTORY

MANAGEMENT INTENT:

To undertake wildlife management and inventory programs that will help ensure the maintenance and/or enhancement of viable, diverse wildlife populations within the planning area.

RESULTS EXPECTED	RESULTS ACHIEVED
Retain a minimal number of cow elk permits in Wildlife Management Unit (WMU) 320 (RMA C).	Ten permits were issued. A phone survey did not identify a success rate on these permits.
Conduct population surveys on traditional elk winter ranges.	Eighteen ranges were surveyed (all RMAs) with a total of 1675 elk counted.
Conduct moose population surveys in WMUs 318 and 324 (RMAs B, C and D).	Moose survey was conducted only in WMU 318 with low densities being recorded.
Conduct surveys of sheep populations on winter ranges (RMAs A, E, F, G, I, J, K and L).	All ranges were surveyed and a total of 1547 sheep were counted. This was the second highest count since 1978, which indicates that the low count in 1988 was largely due to poor survey conditions.

ANTICIPATED ACTIVITIES (1990/91):

1) Conduct population surveys on elk winter ranges.
2) Conduct population surveys on mountain goat ranges.
3) Establish new trapline quotas for fisher, lynx and marten.
4) Establish five road corridor sanctuaries to protect ungulate populations.

3.2 WILDLIFE REINTRODUCTION

MANAGEMENT INTENT:

To reintroduce selected native wildlife species through transplant programs into portions of the planning area where populations are low or nonexistent. The primary objective will be to establish self-sustaining populations of caribou, river otter and peregrine falcon within the planning area. In addition, relocation of elk to sites with low populations is a priority. The program will promote increased diversity of wildlife species, help to safeguard provincially rare species from extirpation, and will increase consumptive and nonconsumptive wildlife-related recreational opportunities.

RESULTS EXPECTED	RESULTS ACHIEVED
Plan re-introductions if stock becomes available.	No transplant stock was available in 1989/90.

ANTICIPATED ACTIVITIES (1990/91):

Relocate 100 elk to the Sheep Creek/North Burnt Timber drainage when stock becomes available.

3.3 WILDLIFE HABITAT ENHANCEMENT

MANAGEMENT INTENT:

To continue and expand the program of wildlife habitat enhancement in the planning area. The program is aimed at improving the quality of suitable habitats for a range of wildlife species, but at present primarily focuses on big game species and birds where demand exceeds current supply. Projects are planned to result in increased numbers and improved distribution of desired wildlife species within the planning area. The ultimate goal of this work is to ensure maintenance and/or increased opportunities for recreational use of wildlife by the public.

RESULTS EXPECTED	RESULTS ACHIEVED
Continue with the Bighorn Creek habitat enhancement project and complete clearing and half of the seeding (RMA A).	Project clearing, pile disposal and seeding were all completed in 1989/90. Road reclamation was initiated. A good grass catch was obtained on the lower blocks, and elk and mule deer started using these lower clearings during the winter of 1989/90.
Conduct the Washout Creek prescribed burn in 1989 (RMA E).	Burn not conducted because of wet weather.
Conduct prescribed burns on cleared areas in the Blackstone and Wapiabi valleys (RMA L and M).	The AFS conducted burns on 20 ha of these sites in the spring of 1989.
Conduct a prescribed burn on the South Idlewilde project area to control bog birch regrowth (RMA E).	Burn postponed as a result of adverse weather conditions.
Conduct a controlled burn on Bighorn River Flats to enhance elk range (RMA J and L).	In cooperation with AFS, 50 ha of brushland were burned in 1989.
Investigate potential for and conduct elk range improvement on Ribbon Creek Flats (RMA A).	Thirty-five ha of bog birch were mechanically cleared to improve winter range for approximately 200 head of elk. Funding provided by Rocky Mountain Elk Foundation.
Investigate potential for elk range improvement on 40 Mile Flats (RMA F).	Site evaluated. Potential for range improvement looks very good.
Conduct a controlled burn to enhance mountain goat range on Bruns Ridge (RMA A).	Burn not conducted because of shortage of funding.
Continue with habitat evaluation and monitoring projects at Bighorn Creek (RMA A) in conjunction with the University of Alberta.	Study by University of Alberta on effects of timber harvest on wildlife was continued at Bighorn Creek.
Evaluate vegetation response and ungulate use on controlled burn and mechanical range improvement sites (RMA A, E, F, J, K, L).	Evaluation project continued for a second year. Assistance was provided by Hinton Forest Technology School, AFS, Parks Canada, and Rocky Mountain Elk Foundation.

ANTICIPATED ACTIVITIES (1990/91):

1) Complete road reclamation on the Bighorn Creek project (RMA A).
2) Conduct the Washout Creek prescribed burn (RMA E).
3) Complete burns on the Blackstone and Wapiabi elk ranges (RMA L and M).
4) Conduct the controlled burn on the South Idlewilde range improvement site (RMA E).
5) Conduct a burn in the headwaters area of the South Ram River to enhance wildlife habitat (RMA F).
6) Burn additional flats along the Bighorn River to improve wildlife habitat (RMA J).
7) Dispose of brush piles on Ribbon Creek flats (RMA A).
8) Mechanically clear 160 ha of bog birch on Forty Mile Flats, to improve ungulate range during the winter of 1990/91 (RMA F).

3.4 WILDLIFE HABITAT PROTECTION

MANAGEMENT INTENT:

To minimize the impact of land use activities on wildlife populations and their habitat in the planning area. This is accomplished by involvement in departmental and interdepartmental planning and referral systems, through which wildlife habitat protection and mitigation conditions are placed on land use dispositions.

RESULTS EXPECTED	RESULTS ACHIEVED
Continue to review and provide input to land use applications/referrals to ensure fish and wildlife resource needs are considered while focusing more attention on expanded timber harvesting.	Input to land use referrals was maintained. Major areas of emphasis were on timber harvest activities along the Red Deer River (RMA B), oil and gas exploration (all areas) and Caroline gas field project (RMA C).
Continue to refine and reduce F & W input on land use activity in lower priority areas of the planning area.	New geophysical maps are being completed, which will reduce F & W input by providing standard resource protection conditions for most applications.

ANTICIPATED ACTIVITIES (1990/91):

Continue to provide F & W input to existing land use referral systems.

4.0 FISHERIES

The fisheries resource in the planning area is managed to provide a variety of recreational and commercial opportunities by doing the following:

a) maintaining or increasing natural fish populations;
b) establishing new populations in suitable areas;
c) protecting or enhancing habitat;
d) providing suitable access; and
e) establishing and satisfying user demand.

The resource is managed by F & W.

4.1 FISH STOCKING

MANAGEMENT INTENT:

To continue with the Eastern Slopes regional fish stocking program and to evaluate its success. Stocking efforts will be directed at increasing the diversity and availability of fishing opportunities in the planning area. Emphasis will be placed on using stocked fisheries in ponds and lakes to reduce angling pressure on naturally reproducing stream fisheries. Stocking of streams will generally be limited to establishing self-sustaining populations of trout in currently barren waters. Evaluations will be undertaken to determine the success of earlier stocking efforts in the area.

RESULTS EXPECTED	RESULTS ACHIEVED
Continue with the current fish stocking programs.	Job Lake was stocked with 13 700 cutthroat trout in September of 1989 (RMA J). Due to disease problems in the provincial hatchery system no other fish stocking occurred in the planning area in 1989/90.
Continue with the evaluation of selected stocking programs.	Arctic grayling in Yellowhead Lake and some brook trout in Birch Lake were lost to winter-kill in 1989/90 (RMA C).

ANTICIPATED ACTIVITIES (1990/91):

1) Continue with a limited fish stocking program in the planning area as stock becomes available.
2) Continue with evaluation of selected stocking projects (i.e., to do follow-up evaluation on Yellowhead and Birch lakes).

4.2 FISHERIES MANAGEMENT/INVENTORY

MANAGEMENT INTENT:

To continue with a comprehensive field-level fisheries inventory program to collect data required for making management decisions. Management plans will provide long-term direction for angling regulations, stocking requirements and any potential habitat protection or enhancement needs. Efforts will be directed at maintaining viable, self-sustaining fish populations to provide for an optimal level and diversity of recreational angling opportunities. The highest priority will be placed on maintaining self-sustaining populations of native species.

RESULTS EXPECTED	RESULTS ACHIEVED
Conduct further assessment of cutthroat trout populations in Job Lake, Onion and Canary creeks and the North Ram River, and evaluate the effectiveness of the size limit regulations introduced in 1987.	Cutthroat trout populations from Onion and Canary creeks (RMA F) were examined to assess the impact of new size-limit regulations. Additional work is required before any conclusions will be available. Fish monitoring conducted on Nice Creek (RMA E), a tributary of the North Ram River, documented only low use by spawning cutthroat trout.

	The Job Lake (RMA J) cutthroat trout spawning run was monitored. This population is continuing to decline to about 900 adult fish. The lake was closed to angling in 1989 to encourage recovery of this population.
Assess bull trout spawning in tributaries to the Upper Clearwater River and in Pinto Creek.	High water levels prevented any assessments on the Clearwater River. Pinto Creek was evaluated and no increase in bull trout was detected compared with when the stream was closed to angling in 1980.
Maintain fishing opportunities at high mountain lakes.	A creel census conducted on lakes in the south Ram River drainage (RMA F) showed the area was very heavily used by anglers and other members of the public as well.

ANTICIPATED ACTIVITIES (1990/91):

1) Continue to assess cutthroat trout populations at Job Lake.
2) Continue to evaluate the effectiveness of size-limit regulations introduced in 1987 (i.e., Onion and Canary creeks).

4.3 HABITAT PROTECTION

MANAGEMENT INTENT:

To minimize impact of land use activities on the fish habitat and populations in the planning area. This is accomplished by involvement in the departmental and interdepartmental planning and referral systems, through which fish habitat protection and migration conditions are placed on land use and water use dispositions. In addition, environmental emergencies are to be investigated.

RESULTS EXPECTED	RESULTS ACHIEVED
Review and provide input to land use activities in the planning area.	F & W input to land use referrals was maintained. Major areas of emphasis were on road and pipeline construction projects.
Investigate reported environmental emergencies affecting fish-bearing waters.	No cases within the planning area were reported in 1989/90.

ANTICIPATED ACTIVITIES (1990/91):

Continue with the current programs.

4.4 HABITAT ENHANCEMENT

MANAGEMENT INTENT:

To conduct fisheries habitat enhancement activities that will lead to increased fish populations and recreational fishing opportunities.

RESULTS EXPECTED	RESULTS ACHIEVED
Conduct engineering evaluation on the outlet of Job Lake to develop options for repair, and to implement the feasible options.	Engineering evaluation was done by staff from Alberta Environment. It was concluded that the natural sediment problems occurring at the lake could not be feasibly resolved. The option of stream narrowing and bank stabilization will be examined to determine if it would improve the condition of spawning habitat.
Conduct streambank fence maintenance on various streams with Buck for Wildlife funds in the planning area.	Fence maintenance was conducted on the Raven River and Alford Creek projects.

Conduct maintenance inspections and repairs on water control structures held by F & W in the planning area.	Inspections were conducted. No maintenance work was required.

ANTICIPATED ACTIVITIES (1990/91):

1) Conduct stream narrowing and streambank stabilization as well as sediment flushing from spawning areas on the outlet of Job Lake (RMA J).
2) Conduct fence maintenance on streambank fencing projects.
3) Remove fencing on several sections of Beaver Creek (RMA C) due to changes in Brood Stock Station water use.

5.0 RECREATION

Recreation management includes the provision of facilities and services to a remarkably diverse user community. Facilities for group camping, staging areas, trails, auto access, campgrounds and more are managed for the use of campers, hikers, skiers, off-highway vehicle users, equestrians and others. Services include operating and maintaining facilities at established standards, enforcement of regulations, and construction of new facilities as funding and demand warrants.

The AFS and Public Lands Division, both of Alberta Forestry, Lands and Wildlife, are responsible for recreation management in the planning area, including facilities and services development.

5.1 COMMERCIAL

MANAGEMENT INTENT:

To recommend policy addressing commercial recreation management in backcountry locations, in order to establish guidelines for commercial operators regarding the allocation of base camps and staging areas. In the more accessible frontcountry locations, the disposition of public lands for private sector recreational and tourism facility development is also a major consideration.

RESULTS EXPECTED	RESULTS ACHIEVED
Undertake review of any private sector proposals as submitted.	Proposals from the private sector have been limited. No facilities have been approved or constructed. Inspections were done on the 8 Miscellaneous Permits (MLPs)/ Miscellaneous Leases (MLLs) associated with river rafting and the MLL - Mountainaire Lodge. All MLPs over three years old have been changed to MLLs.
Continue monitoring of existing commercial recreation operations.	There are nine Commercial Trail Riding Permit (CTRP) holders in the Class II area in the west portion of the plan area. All commercial recreation dispositions were inspected to ensure they were maintained in a satisfactory condition.
Review applications for commercial recreation and tourism facilities in the White Area.	No applications were received for the White Area portion of the plan.
Continue preparation of a recreation resource plan for the upper Red Deer River Corridor.	Guidelines and resource inventory have been completed for the Upper Red Deer River Corridor Management Plan.
Present draft policy on provincial backcountry camping standards to Deputy Minister for approval.	Final draft was approved and implemented during the summer of 1989. Signage was developed and signs were placed at popular access points to the backcountry.
Continue participation in the development of a provincial commercial recreation policy.	Initial draft policy has been completed and is being reviewed by senior management.

ANTICIPATED ACTIVITIES (1990/91):

1) Undertake review of any private sector proposals as submitted.
2) Continue monitoring of commercial recreation operations.
3) Continue to participate in the working group for a provincial commercial recreation policy for the Green Area.
4) Continue to enforce the backcountry camping standards.
5) Continue to review applications for commercial recreation and tourism facilities.

5.2 RECREATION AREAS

MANAGEMENT INTENT:

Recreation area management includes the provision for new areas as determined by demand, as well as the maintenance of existing sites. These services are provided according to the recreation management mandate established by the AFS in the Green Area. Recreation areas contain picnic tables, fire rings, hand-pumps for water, and privies, but are without electrical or sewage services.

RESULTS EXPECTED	RESULTS ACHIEVED
Upgrade Crescent Falls and Phyllis Lake Recreation Areas pending upgrading plan and budget approval.	Upgrading plan for Crescent Falls Recreation Area is completed and approval is pending. A draft of the Phyllis Lake upgrading plan has been completed. Formal upgrading is delayed pending budget approval.
Remove hazardous trees within Swan Lake Recreation Area according to the harvest plan that has been prepared by AFS.	Hazardous trees were removed according to the harvest plan and seedlings were planted. Regravelling of the recreation area was also completed.
Operate and maintain existing AFS forest recreation areas to provincial standards.	All facilities were maintained to AFS standards.

ANTICIPATED ACTIVITIES (1990/91):

1) Upgrade Crescent Falls and Phyllis Lake Recreation Areas pending final approval of upgrade plans and budget.
2) Operate and maintain AFS forest recreation areas to provincial standards.
3) Remove facilities and abandon Dry Haven Recreation Area should Alberta Transportation and Utilities initiate their gravel crushing program at the site.
4) Install vault toilets at Deer Creek Recreation Area and Fisher Creek overflow area.

5.3 FACILITY DEVELOPMENT

MANAGEMENT INTENT:

To provide trails and associated facilities based upon demand, which capitalize on the unique features of the planning area in a cost-effective and environmentally sound manner.

RESULTS EXPECTED	RESULTS ACHIEVED
Expand the parking area at Cutoff Creek equestrian staging area.	Parking area was not expanded but was resurfaced and parking curbs installed to better delineate parking stalls.
Complete draft development plans for several proposed hiking/equestrian staging areas.	Initial conceptual planning was completed for the Allstones Lake, Landslide Lake and Pinto Lake trail staging areas. Preparation of development plans commenced. However, development plans and budget for Eagle Creek and Panther Corners equestrian staging areas were not approved because of budget constraints.
Undertake periodic backcountry horse patrols with AFS staff.	Periodic backcountry patrols were undertaken throughout the mountainous portion of the forest from July to October 1989.
Pending completion of the Bighorn Wildland Recreation Area (WRA) Management Plan and budget approval, carry out trail maintenance and construction, as well as hire two Forest Guardians specifically for backcountry patrols.	Further work on the Bighorn WRA Management Plan was not undertaken as a result of manpower limitations. Due to budget constraint, limited trail maintenance/construction was performed. As well, backcountry patrol guardians were not hired.
Negotiate with the Central Zone members of the Alberta Snowmobile Association regarding their possible assumption of sign placement responsibilities for heavily used public trails in the Nordegg area.	The association did not come forward to participate in negotiations as originally advocated by members.

ANTICIPATED ACTIVITIES (1990/91):

1) Complete draft development plans for three hiking/equestrian staging areas for the Allstones Lake, Landslide Lake and Pinto Lake trails.
2) Continue periodic backcountry patrols.
3) Pending completion of the Bighorn WRA Management Plan and budget approval, carry out trail maintenance and construction, as well as hire two Forest Guardians specifically for backcountry patrols.
4) Pending budget approval, construct cross-country ski trails and snowmobile trails in the vicinity of Nordegg. Pursue the possibility of the Central Zone of the Alberta Snowmobile Association assuming sign placement responsibilities on heavily used trails.

5.4 VISITOR USE

MANAGEMENT INTENT:

To monitor visitor use in developed recreation areas in order to establish trends and anticipate changes in visitor requirements for recreation facilities.

RESULTS EXPECTED

Undertake recording of user statistics in recreation areas.

RESULTS ACHIEVED

Recording of user statistics is ongoing. Total seasonal use (*party nights) for recreation areas in the planning area was as follows:

RECREATION AREA:	Camping Capacity (# of sites)	Total Seasonal Use 1986	1987	1988	1989
Beaverdam	7	704	220	51	187
Blackstone River	10	—	218	156	389
Brazeau River	7	109	361	224	166
Brown Creek	9	871	125	581	696
Crescent Falls	6	284	442	303	744
Dry Haven	8	644	464	602	701
Elk Creek	13	432	478	556	654
Swan Lake	24	1776	1364	1808	1750
Fish Lake	91	5343	4924	4423	5266
Goldeye Lake	44	2063	1652	1994	3036
North Ram River	19	—	387	804	1017
Peppers Lake	16	1259	1137	1406	1113
Phyllis Lake	8	784	323	810	731
Ram Falls	54	2471	1565	2868	2613
Seven Mile	38	825	810	1069	810
Thompson Creek	55	4579	3742	3001	5231
Two O'Clock Creek	20	1373	1301	2705	3351
Upper Shunda	21	1309	1042	935	940
Cavalcade Group Area	310	3854	4407	4214	3921
Snow Creek Group Area	50	696	930	640	865
Cartier Creek	23	2689	1432	750	4077
Cartier Creek (ovflw.)	29	—	26	6	—
Deer Crk (Day Use)	10	33	—	24	230
James Wilson	47	1198	763	1298	2634
James Wilson (Day Use)	10	11	—	49	163
Red Deer River	64	3715	1885	2561	6288
Red Deer River (Day Use)	13	21	—	88	938
Red Deer River (ovflw.)	10	—	—	94	477
Wildhorse	10	804	748	393	4138
TOTALS:	1026	37847	30746	34413	53126
Percent Changes:			-19%	+12%	+54%

(*party nights = 3.3 people for one night)

User origin by market area (Rocky/Clearwater Forest only):

Year	Primary	Secondary	Outside
1989	33%	49%	18%
1988	35%	38%	28%
1987	33%	46%	21%
1986	47%	39%	14%
1985	37%	42%	21%

These results indicate that use by visitors from all market areas remain relatively static. Detailed user origin for 1989 were as follows:

Primary Market (within one hour's drive)
- Red Deer - 14%
- Others - 19%

Secondary Market (within one to two hours' drive)
- Calgary - 14%
- Edmonton - 25%
- Others - 10%

Outside Market (beyond two hours' drive)
- In Province - 7%
- Out of Province - 7%
- Out of Country - 4%

Continue random campsite inventory in the remainder of RMAs A, B and C.

User Statistics - Random Camping:

		1989	1988
Clearwater	- camping	4899	13144
	- day use	—	—
Limestone	- camping	70	149
	- day use	—	149
Lower James	- camping	70	1952
	- day use	—	29
McCue/Studd Creek	- camping	154	4166
	- day use	—	—
Middle Red Deer	- camping	3968	5506
	- day use	—	—
Panther Corners	- camping	1085	3472
	- day use	—	—
Upper Red Deer	- camping	1693	7390
	- day use	—	—
Teepee	- camping	70	114
	- day use	—	—
Upper James	- camping	307	—
	- day use	—	—
Lower Red Deer	- camping	269	—
	- day use	—	—
Sheep/Panther	- camping	2605	—
	- day use	—	—
James Parker	- camping	—	2759
	- day use	—	62
Raven	- camping	—	744
	- day use	—	223

ANTICIPATED ACTIVITIES (1990/91):

Continue to monitor visitor use levels in developed recreation areas and at random sites.

5.5 PLANNING

MANAGEMENT INTENT:

To provide recreational opportunities to the public of Alberta to capitalize on the unique and beautiful qualities of the planning area.

RESULTS EXPECTED	RESULTS ACHIEVED
Continue work on the Bighorn WRA Management Plan.	Bighorn WRA Management Plan is in the draft stage of development. Further work was not undertaken on it during the year because of manpower limitations.

ANTICIPATED ACTIVITIES (1990/91):

As manpower permits, continue efforts to complete a draft management plan for the Bighorn WRA.

6.0 TOURISM

Tourism has been identified within "A Policy for Resource Management of the Eastern Slopes" (Revised 1984) as an important facet for development over the next decade. The Nordegg/Red Deer River area is distant from markets but provides an important "backcountry" opportunity for the public and industry.

Tourism marketing and promotion to attract investment is managed through Alberta Tourism. Monitoring of visitor use and referrals for facility development (to ensure any facility development is in accordance with the plan) is directed by the AFS and Public Lands Division with assistance from F & W and Regional Coordination Services, Alberta Forestry, Lands and Wildlife.

MANAGEMENT INTENT:

To provide opportunities for Albertans in the development of Alberta's tourism industry.

RESULTS EXPECTED	RESULTS ACHIEVED
Continue activity in the marketing of tourism resources of the area. Maintain referral procedures as defined in the IRP to ensure any proposed development is compatible with the intent of the plan and other resource use.	A new process to review applications for commercial tourism and recreation developments on public lands was implemented. This Disposition Referral Process (DRP) is coordinated by Alberta Tourism and Alberta Forestry, Lands and Wildlife. Within the planning area, two lease applications were under consideration as of March 31, 1990.

ANTICIPATED ACTIVITIES (1990/91):

1) Maintain information requirements and referral procedures as outlined by the Commercial Tourism and Recreation Leasing (CTRL) process (formerly known as the Disposition Referral Process) to ensure that any proposed development is compatible with the intent of the IRP and other resource uses.
2) Funding of approved Community Tourism Action Plan (CTAP) projects through Alberta Tourism.

7.0 ECOLOGICAL AND HISTORICAL RESOURCES

Alberta Forestry, Lands and Wildlife, Alberta Recreation and Parks, and Alberta Culture and Multiculturalism all have roles in identifying and managing natural features, landscapes, ecosystems and historical resources.

MANAGEMENT INTENT:

To preserve and protect the unique ecological and historical resources of the planning area for scientific, recreational and educational use. Any activity in designated ecologically or historically significant sites will be undertaken in a manner that will not compromise the inherent characteristics in that area. Management of ecological resources in the Green Area is the responsibility of AFS; in the White Area it is the responsibility of the Public Lands Division. Historical resource management is the responsibility of Alberta Culture and Multiculturalism.

RESULTS EXPECTED	RESULTS ACHIEVED
Resolve the status of the North Ram/Nice Creek Environmentally Significant Area (ESA) with the participation of the agencies involved.	Final draft of the biophysical assessment of the candidate natural area was received. The site has been placed under a protective notation reservation incorporating 1683 ha.

	The area was not formalized pending resolution of other resource concerns.
	The Edmonton Chapter of Trout Unlimited has agreed to act as volunteer stewards of the area.
Complete a detailed site review of the Clearwater River ESA by the Alberta Forest Service.	This candidate natural area is under a protective notation reservation incorporating 907 ha. As a result of workload commitments a detailed review was not completed.
Implement the preferred preservation option as described in the Nordegg Historical Feasibility Study.	The preferred option was initiated by the Canada Lafarge and the Nordegg Historical Heritage Interest Group. A significant amount of reclamation and restoration work was completed. Sole responsibility for the site was obtained from Canada Lafarge by the interest group.
Continue to review resource development proposals to determine if historically significant areas will be affected by the submitted proposals.	Acquire historical impact assessments on areas that have historical significance. Place restrictions on the operation and/or place protective notations on the land to ensure resources are preserved.
Develop a management plan for the Kootenay Plains Ecological Reserve.	Initial background information has been gathered for the management plan. Due to workloads no further activity towards completing the plan was undertaken.
Formalize the Scalp Creek Candidate Natural Area.	This candidate natural area was maintained under a protective notation status. Two individuals have volunteered to assume joint stewardship of the area (Diane Wahlund and Chris Butler).
Maintain Eagle Creek under protective notation.	A volunteer steward report was received.
Complete the ESA study that was commissioned for the David Thompson Corridor Local IRP.	The study was completed and provided as input into the plan. Several ESAs were identified. An area near Goldeye Lake containing coniferous and mixedwood forests, and numerous spring-fed boreal fens, swamps and lakes may merit further protection.
Evaluation of designated ESAs and establish as candidate natural areas where appropriate.	No new natural areas were designated in the White Area portion of the plan.

ANTICIPATED ACTIVITIES (1990/91):

1) North Ram/Nice Creek Candidate Natural Area - Status of the area is to be resolved.
2) Clearwater River Candidate Natural Area - If workloads permit, undertake a detailed review of the area.
3) Goldeye Lake ESA - Establish a protective reservation and ratify the final boundary for a candidate natural area.
4) Scalp Creek Candidate Natural Area - Formalize area, and depending upon provincial priorities and workloads initiate a management plan. Scalp Creek is scheduled for Natural Area designation under Order-In-Council 1990/91.
5) Continue to review development proposals for their potential impact on historical resources.
6) Kootenay Plains Ecological Reserve - If workloads permit, commence the management planning process.
7) Eagle Creek - Continue to maintain under protective notation.

8.0 TIMBER

Maintenance of the forest land base and annual allowable cut for the planning area is the responsibility of AFS. The responsibility also includes forest protection (against fire, insects and disease), planning layout and cleanup of timber harvest areas, reforestation and the administration of public land use throughout the forested portions of the planning area.

8.1 PROTECTION

MANAGEMENT INTENT

To protect the forest from damage or destruction by fire, insects, disease or other causes.

RESULTS EXPECTED	RESULTS ACHIEVED
Continue fire prevention, presuppression and suppression activities to keep losses within provincial guidelines.	Fires in the planning area in 1989 included the following:

	Lightning	Man-Caused	Area Burned
Red Deer-James	3	1	0.4 ha
Ram/Clearwater	1	1	0.2 ha
Chungo-Cline-Nordegg	6	1	2.3 ha
TOTALS	10	3	2.9 ha

Evaluation and improvement of helicopter landing and water pickup sites continued.

F & W completed burning of brush piles on the Bighorn Creek Wildlife Enhancement Project.

Completed construction of the new helicopter pad at Bluehill Tower.

No prescribed fires were undertaken this year.

Monitor for insect and disease infestation.

Two areas in RMAs A and B were identified for further monitoring and surveys of spruce budworm and Bruce spanworm infestations were conducted in RMA C.

Aerial surveys of forest tent caterpillar defoliation were conducted as portions of Chungo-Cline-Nordegg and Ram-Clearwater areas.

The dwarf mistletoe monitoring program was maintained.

Adherence to a comprehensive fire management plan.

Fire management plan covering RMAs A, B, and C was followed in 1989.

ANTICIPATED ACTIVITIES (1990/91):

1) Continue fire prevention, presuppression and suppression activities.
2) Monitor for insect and disease infestation, including the following efforts:
   - Spruce budworm survey on 243 ha in RMA A and B; and
   - Monitor Bruce spanworm defoliation on 324 ha in RMA C.
3) Continue adherence to a comprehensive fire management plan for RMAs A, B and C.
4) Assess new tower site for Burnstick Tower relocation in response to new gas plant construction next to the tower.

8.2 PLANNING

MANAGEMENT INTENT:

To ensure sustained yield timber management within a multiple resource context.

RESULTS EXPECTED	RESULTS ACHIEVED
Continue to monitor existing timber management programs.	All coniferous timber quotas (CTQs) and deciduous timber allocations (DTAs), annual operating plans (AOPs) and general development plans (GDPs) were updated and approved by mid-September and May respectively.

Periodic field inspections were conducted by Alberta Forest Service to ensure compliance with the plans, cutblock approval, reforestation, erosion control and road construction and reclamation.

Timber harvest levels were received for each operator in each Forest Management Unit (FMU) to ensure harvesting did not fall under or exceed approved annual cut levels.

Initiate preparation of a preliminary forest management agreement (FMA) plan with Sunpine Forest Products Ltd., the developer of the Nordegg block of the Brazeau Timber Development Area (TDA).	The FMA with Sunpine Forest Products Ltd. has not been finalized.
Inventory and initiate management plans for White Area lands on a multiple use basis.	The Alberta Vegetation Inventory has been completed on public and private lands in the White Area. The program was monitored and preliminary negotiations commenced. A resource management operating plan (RMOP) has been prepared jointly by Bow/Crow Forest, F & W Division and Public Lands Division. A total of 54 plans are in the development stage.

ANTICIPATED ACTIVITIES (1990/91):

1) Continue preparation of preliminary FMA plan with Sunpine Forest Products Ltd.
2) Continue working on management plans for White Area lands to be managed on a multiple use basis.
3) Present the RMOP to grazing lessees for agreement and implementation.
4) Calculate annual allowable cuts and draw up harvest sequencing plans.
5) Continue monitoring existing timber management program.

8.3 HARVESTING

MANAGEMENT INTENT:

To provide an optimum annual allowable cut of timber resources on a sustained yield basis to meet present commitments and future requirements of CTQ and DTA holders, local operators, private individuals and FMA holders.

RESULTS EXPECTED	RESULTS ACHIEVED
Sign FMA with Sunpine Forest Products Ltd.	Negotiations on the FMA have not been finalized with Sunpine Forest Products Ltd.
Continue with quota licences: B6-L15 (Bluehill/RMA B) B6-L18 (Deer Creek/RMA B) B6-L19 (Brown Creek/RMAs B and C)	B6-L15 61 000 m^3 harvested B6-L18 74 606 m^3 harvested B6-L19 60 003 m^3 harvested
Issuance of local timber permits (LTPs) and forest products permits (FPPs).	Thirteen LTPs were issued totalling 7 100 m^3; as well 205 FPPs were issued.

ANTICIPATED ACTIVITIES (1990/91):

1) Ensure quota holders have adequate timber to harvest under their license to meet their annual allowable cut.
2) Continue negotiations with Sunpine Forest Products Ltd. to sign an FMA.
3) Issuance of LTPs and FPPs will continue as demand warrants.
4) Quota Licences: B6-L15 49 145 m^3 (will complete)
   B6-L18 30 000 m^3 (ongoing)
   B6-L19 50 404 m^3 (ongoing)

8.4 REFORESTATION

MANAGEMENT INTENT:

To reforest all lands that are contained in the sustained timber land base of the planning area.

RESULTS EXPECTED	RESULTS ACHIEVED
Forest site preparation for natural seeding or planting on cutover areas to continue.	Cutover areas have been regenerated within seven years after harvest.
Meet provincial reforestation stocking levels.	Regeneration surveys were completed on 49 ha of cutover areas. A total of 100 ha were scarified and 150 000 seedlings were planted.

Free to Grow Surveys:	278.5	ha
Regeneration Surveys:	512.0	ha
Planting:	285.4	ha (232 300 trees)
Aerial Seeding:	74.0	ha
Scarification:	132.0	ha

Complete data analysis of non-merchantable stand evaluations.

Inventory completed but analysis has yet to be done.

ANTICIPATED ACTIVITIES (1990/91):

1) Forest site preparation for natural seeding or planting on cutover areas will continue to have a high priority.
2) Provincial reforestation stocking levels will be met:

Free to Grow Surveys:	15.8	ha
Regeneration Surveys:	117.0	ha
Planting:	50.2	ha (46 200) seedlings)
Aerial Seeding:	Nil	
Scarification:	354.7	ha

3) Complete data analysis of non-merchantable stand evaluations.

8.5 INTENSIVE FOREST MANAGEMENT

MANAGEMENT INTENT:

To increase timber yield through intensive forest management techniques such as genetic improvement and thinning.

RESULTS EXPECTED	RESULTS ACHIEVED
Increase timber yield through stand tending.	Sunpine Forest Products Ltd. completed 205 ha of stand tending under the Public Land Development Program - Intensive Silviculture Component.
Collect coniferous cones for seed extraction at the Pine Ridge Provincial Tree Nursery.	Completed collection of 44 hectolitres superior lodgepole pine cones to enhance genetically improved seed. Five kg of seed were collected by AFS and five kg of seed were collected by industry.

ANTICIPATED ACTIVITIES (1990/91):

1) Additional stand tending will be completed in 1990 if funds are made available.
2) Undertake aerial fertilization of thinned stands.
3) Collection of coniferous cones for seed extraction at the Pine Ridge Provincial Tree Nursery.

9.0 RANGE AND AGRICULTURAL RESOURCES

Forage resources are managed to maintain existing stocking rates while maintaining or enhancing forage capacity and range condition. The forage resource in the planning area occurs primarily along the eastern boundary, and to an extent within the forest reserve in the form of grazing allotments. Within the Green Area, responsibility for forage resource management lies with the AFS, while in the White Area it is the responsibility of the Public Lands Division.

9.1 RANGE MANAGEMENT PLANNING/EVALUATION

MANAGEMENT INTENT:

To manage the forage resource through range management planning, and assess opportunities to further enhance range capability in the future.

RESULTS EXPECTED	RESULTS ACHIEVED
Complete outstanding range improvement projects prior to conclusion of the government-funded range improvement program assistance in 1990.	All outstanding commitments were fulfilled. The direct funding assistance program ended this year after running for ten years.

Undertake range management improvement at specified locations in the range allotments through the allotment holders or with government funding.	The AFS conducted range improvement on 3.75 ha in the Idlewilde distribution unit (DU) of the Clearwater Allotment (RMA E). It consisted of mechanically brushing bog birch and willow with a D6 cat. Results of the project are still being assessed. As well, one mowing project was undertaken for brush control in the Lower Red Deer allotment.
Prepare range management plans that will direct use of the grazing dispositions in the planning area.	Range management plans have been completed and implemented for the following allotments/head tax permits: - Lower Moose Creek (RMA D) - Moose Creek (RMA D) - Ram River (RMA E) - Clearwater (RMA E) Draft copies of range management plans have been completed for the following dispositions: - Limestone Allotment (RMA E) - Grazing Lease (GRL) 37831 (RMA D) - GRL 37082 (RMA D) - North Raven Head Tax (RMA D)
Complete the Upper Clearwater forage inventory report and complete field work on South Ram forage inventory.	The forage inventory report for the Upper Clearwater Forest Land Use Zone was completed. Field work on the South Ram forage inventory was not initiated because of other commitments.
Develop range management plans for the Williams Creek, Coal Camp Creek and Lower Red Deer River range allotments.	Plan format was reviewed and completely revised. The plans are still incomplete.
Evaluate forage availability in RMAs B and C; work to be conducted by AFS in cooperation with F & W Division to determine a pattern for allocation of forage resources between wildlife, domestic livestock and feral horses.	No evaluation was undertaken.
Evaluate White Area public lands for improvement potential upon the lessee's/permittee's request.	One range improvement application was reviewed and approved in the White Area. A range development plan was endorsed for this application.

ANTICIPATED ACTIVITIES (1990/91):

1) Continue preparation of range management plans that will direct use of grazing dispositions in the planning area.
2) Complete and implement the draft range management plans for the Limestone Allotment, GRL 37831, GRL 37082 and North Raven Head Tax.
3) Initiate forage inventory field work in the South Ram area.
4) Undertake range improvement at specified locations in the range allotments through the allotment holders or with government funding.
5) Revise range management plans for Williams Creek, Coal Camp Creek and Lower Red Deer River for review by permittees.
6) Continue with development phases on existing, committed range improvement projects.
7) Complete the RMOP for the Bow/Crow Forest portion of the IRP.

9.2 STOCKING LEVELS

MANAGEMENT INTENT:

To maintain the 1977 stocking levels within the Eastern Slopes Policy boundary on a sustainable basis by improving range condition and stock management.

RESULTS EXPECTED	RESULTS ACHIEVED
Carry out range improvement program.	A range development plan was completed for one new lease. Existing development plans were maintained and reviewed as necessary.

Continue monitoring stocking rates and assessment of range conditions on grazing dispositions.	Twenty-two grazing permits were issued in the Forest Reserve for a total of 9168 animal unit months (AUMs). In addition, 60 grazing leases, licenses and permits provided for 26 777 AUMs in the Green Area outside the Forest Reserve. In the White Area, there are 46 grazing dispositions which supply 4013 AUMs.
Determine stocking levels for the 1989/90 season.	Based on fall range inspections and previous use levels, disposition holders were advised of changes that were required for the 1989/90 season.
Identify sites suitable for range improvement in the Green Area.	Work was completed on five leases and Deer Creek Flats site was mowed in preparation for prescribed fire.

ANTICIPATED ACTIVITIES (1990/91):

1) Continue monitoring of stocking rates and assessment of range conditions on grazing dispositions.
2) Determine stocking levels for the 1990/91 season.
3) Assess range readiness for review of duration of grazing on the Forest Reserve in Bow/Crow.
4) If conditions warrant, undertake a prescribed burn of Deer Creek Flats site.

10.0 MINERAL RESOURCES

Mineral resources in the planning area are managed to provide opportunities for the industry to explore and develop while maintaining the integrity of the area for future users.

Administration of the use of the resource is carried out by the Minerals Resource Division of Alberta Energy. Administration of the land base which provides access to the resource is the responsibility of AFS and Public Lands Division assisted by the F & W Division.

MANAGEMENT INTENT:

To ensure that oil and gas activity is compatible with the plan.

RESULTS EXPECTED	RESULTS ACHIEVED
Conduct government review of the development plans from the Caroline Gas Development Group (CGDG) and begin construction.	Two competing proposals for development of the Caroline Area Gas Reservation were submitted and underwent government review.
Continue monitoring of oil and gas development projects.	No other major oil and gas development proposals were identified.

ANTICIPATED ACTIVITIES (1990/91):

1) Continue government review of Caroline area gas development proposals.
2) Continue monitoring other major oil and gas development projects.

11.0 ACCESS

The coordination of the development of access while minimizing the impact on other resources and minimizing duplication of effort and expense are the responsibilities of AFS and the Public Lands Division, assisted by F & W Division.

11.1 ACCESS MANAGEMENT

MANAGEMENT INTENT:

To coordinate the development of access routes in order to minimize negative effects on various resources and users.

RESULTS EXPECTED	RESULTS ACHIEVED
Continue to use existing operational-level mechanisms to manage new access routes on a site-specific basis.	The referral process and on-site inspections were used on an ongoing basis to coordinate new access development and mitigate any negative effects. Operational-level initiatives were undertaken on a site-specific basis. Currently, the grazing lessees continue to have the right to restrict access to the grazing lease land. However, the department encourages the grazing lessees to allow the public to access the grazing leases for recreational use. Grazing permittees do not have the right to restrict public access to the land under grazing permit. Physical closure of new access routes have been undertaken at specific sites within critical and key wildlife areas.
Develop an industrial access plan in RMA L should one or more operators become active in the area.	No industrial activity in RMA L, hence, no industrial access plan was developed.
Reassess priorities to develop an access management plan (AMP) in RMAs A and B.	A review of priorities indicated that an AMP in RMAs A and B will not be initiated until the completion of the pilot AMP in the Castle River sub-region and until other projects have been completed.

ANTICIPATED ACTIVITIES (1990/91):

1) Continue operational-level initiatives to manage new access routes where current policy allows, on a site-specific basis.
2) An industrial access plan will be required in RMA L should one or more operators become active in the area.
3) Monitor trends with respect to motorized recreational access.

11.2 RECLAMATION OF ACCESS

MANAGEMENT INTENT:

To reclaim specific roads, trails and/or abandoned dispositions within the planning area as required after determining the following:
a) rate, degree and extent of environmental damage;
b) need to retain the road for industrial or resource management purposes;
c) cost of reclamation;
d) level of public use; and
e) conflicts with other resource uses as identified through the objectives and guidelines of the Nordegg/Red Deer River IRP.

RESULTS EXPECTED	RESULTS ACHIEVED
Monitor the Falls Creek road reclamation to make certain that use by off-highway vehicles did not result in negative environmental effects.	Monitoring revealed significant rutting of the reclaimed Falls Creek road by vehicles. Funds were authorized from the Alberta Heritage Savings and Trust Fund (AHSTF) to reshape road, add cross ditches and seed damaged areas.
Evaluate and reclaim as necessary any existing trails that provide recreational off-highway access into Zone 1.	Evaluations were not undertaken as a result of manpower and budget constraints.
With AHSTF funding, undertake reclamation of abandoned dispositions as they are identified or discovered.	The following abandoned dispositions were reclaimed: - old garbage dumps in Sec. 17, W 1/2 18, SW 20 all in Twp. 36 - Rge. 17 - W5M. - old millsite in Sec. 9 - Twp. 35 - Rge. 18 - W5M. - old car bodies removed from Sec. 5 - Twp. 36 - Rge. 17 - W5M. In the White Area (Calgary District) portion of RMA C, existing access routes under disposition that were no longer required were reclaimed by the lessee. No access routes were reclaimed by Public Lands.

ANTICIPATED ACTIVITIES (1990/91):

1) Evaluation of motorized access routes into Zone 1 will be undertaken only if funding becomes available.
2) Reclamation projects identified for AHSTF funding include the 12th Level Nordegg Strip mine, the North Slope mine tipple north of Nordegg and an old logging road in Sec. 31 and 32 - Twp. 40 - Rge. 15 - W5M.
3) Assess the requirement for reclamation of access routes in the White Area (Calgary District) portion of RMA C as lessees holding access dispositions request cancellation. Transfer of those access routes to private individuals or the local authority will be completed where the access is required by landowners to access private land.

12.0 LAND USE ADMINISTRATION

Land use is a commonly used term for all activities that relate to the administration of resource users on public land. These activities are the responsibility of the AFS in the Green Area and Public Lands Division in the White Area. Administration of resource activities is intended to ensure compliance with established government policies, regulations and the management intents outlined in the plan.

12.1 LAND USE PLANNING

MANAGEMENT INTENT:

To develop sustained yield plans for the White Area within the Bow/Crow Forest.

RESULTS EXPECTED	RESULTS ACHIEVED
Continue to develop and endorse land use plans as required. - Prepare a sustained yield forest management plan for the portion of the White Area within the Bow/Crow Forest.	Public Lands Division has completed the field inventory and submitted the plans to F&W and AFS for input.
- Complete an RMO plan for the lands in the White Area portion of RMA C.	Preliminary RMO plans were completed. Range and wildlife resource portions of the plans are complete. The addition of timber sequencing is required.

ANTICIPATED ACTIVITIES (1990/91):

1) Continue to develop and endorse land use plans as required.
2) Review the RMO plans with the grazing lessees and permittees in the winter of 1990/91. Final plans to be completed by March 31, 1991.

12.2 LAND USE PLANNING - DAVID THOMPSON CORRIDOR LOCAL INTEGRATED RESOURCE PLAN

MANAGEMENT INTENT:

The David Thompson Corridor Local IRP was initiated in 1987 to do the following:

1) prepare a specific resource management and development plan for the appropriate users of land and resources within the planning area;
2) identify appropriate conservation priorities along the corridor; and
3) provide appropriate guidance for implementation of the plan following final approval.

RESULTS EXPECTED	RESULTS ACHIEVED
Complete and present the draft plan for public review and comment. Incorporate comments from the public review and submit final plan for senior management approval.	As a result of manpower shortages in the Resource Planning Branch, completion of the draft plan was delayed several months. The planning team began meeting again in February to work toward a spring 1990 completion date.

ANTICIPATED ACTIVITIES (1990/91):

1) Request endorsement of draft plan by the Regional Resource Management Committee (RRMC) and present it for public review. Incorporate public comments and submit final plan for senior management endorsement.
2) Implement the David Thompson Corridor Local IRP immediately after plan approval.

12.3 LAND USE PLANNING - NORDEGG DEVELOPMENT POTENTIAL STUDY

MANAGEMENT INTENT:

To undertake a study initiated in 1986 to assess the Nordegg townsite for potential settlement and recreation facility development.

RESULTS EXPECTED	RESULTS ACHIEVED
Proceed with study once funding is made available to carry it out.	Funding not available.

ANTICIPATED ACTIVITIES (1990/01):

No activities planned.

12.4 REFERRALS

MANAGEMENT INTENT:

To provide input to the government referral system dealing with applications for land use dispositions on public lands in the planning area.

RESULTS EXPECTED	RESULTS ACHIEVED
Continue to provide input into the referral systems, including those of Alberta Forestry, Lands and Wildlife as well as several other government departments.	Input concerning protection of the fish and wildlife, watershed, timber, recreation and other resources has been provided through the referral systems. Major activities requiring review are oil and gas exploration and development, and timber harvesting throughout the planning area. A number of proposals for commercial developments in the planning area have occurred in the past year. The following land use referrals were processed by the AFS in the Green Area: 11 - Miscellaneous Leases 54 - Geophysical 26 - Mineral Surface Leases 47 - Pipeline Agreements 25 - License of Occupation 7 - Easements 4 - Fipeline Installation Leases 0 - Protective/Consultative Notations 22 - Miscellaneous Permits 1 - Surface Mineral Leases/Permits 5 - Herbicide Permit Application 21 - Commercial Trail Riding Permits 1 - Wild Rice Operation 224 - TOTAL

ANTICIPATED ACTIVITIES (1990/91):

1) Continue involvement in land use referral systems.

13.0 SUMMARY

The foregoing is an account of what has been accomplished in the Nordegg-Red Deer River Sub-Regional Integrated Resource Planning Area between April 1989 and March 1990. The activities reported in this document are in response to the recommendations of the Nordegg-Red Deer River Sub-Regional Integrated Resource Plan approved March 4, 1986.

Implementation of the plan is progressing essentially on schedule. Some projects, as mentioned in the report, have been deferred to a later date because of budget constraints.

If you have any comments relating to this report, please direct them to:

Regional Resource Coordinator
Regional Coordination Services
Alberta Forestry, Lands and Wildlife
Provincial Building, 1st Floor
4919 - 51 Street
P.O. Box 1598
Rocky Mountain House, AB.
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The courier address to be used to forward comments from provincial government departments is:

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